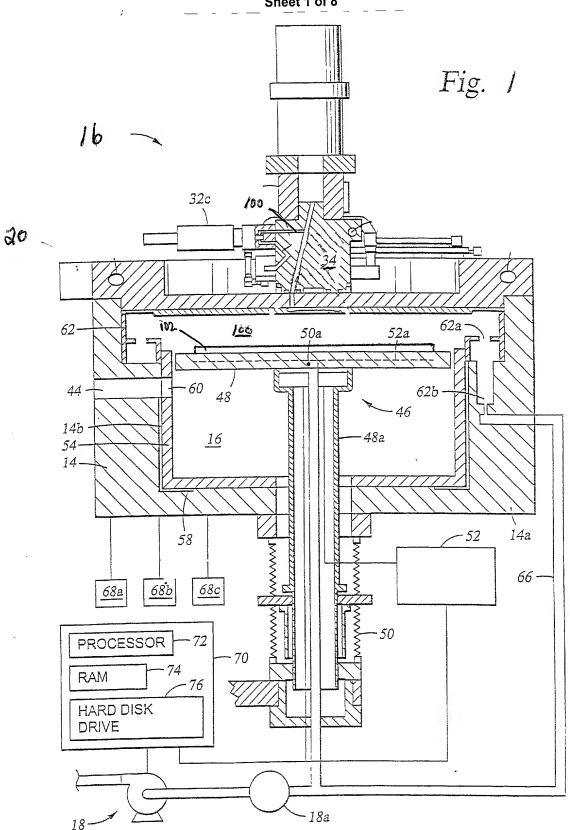
Atty. Dkt. No. U.S. Serial No.: Filed: Inventor: Express Mail No.: AMAT/5799 UNKNOWN HEREWITH Shulin Wang, et al. EV 041916834 US

Sheet 1 of 8



Atty. Dkt. No.
U.S. Serial No.:
Filed:
Inventor:
Express Mail No.:

AMAT/5799
UNKNOWN
HEREWITH
Shulin Wang, et al.
EV 041916834 US

212

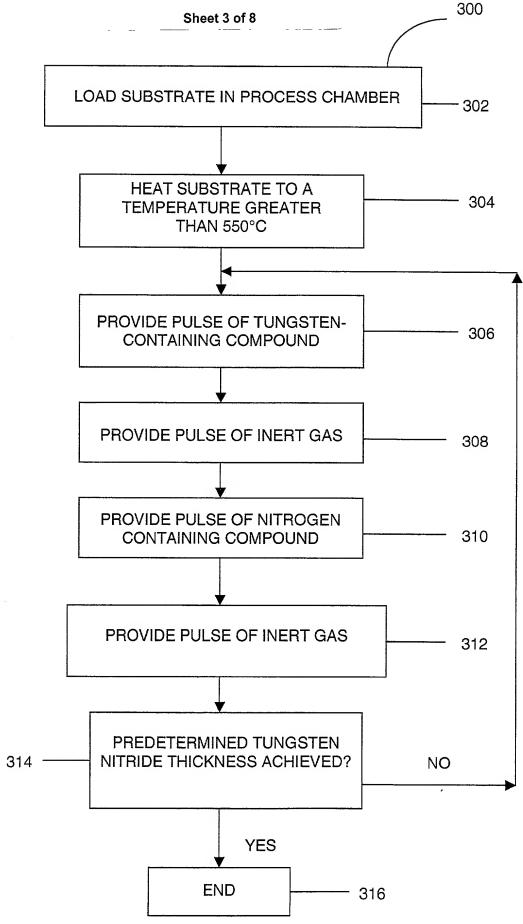
Sheet 2 of 8 200 LOAD SUBSTRATE IN PROCESS CHAMBER AND 202 ADJUST CHAMBER CONDITIONS INTRODUCE CARRIER 204 **GAS STREAM** INTRODUCE PULSE OF TUNGSTEN 206 **CONTAINING PRECURSOR** INTRODUCE PULSE OF REDUCING GAS 208 NO PREDETERMINED TUNGSTEN NITRIDE THICKNESS ACHIEVED? 210 YES

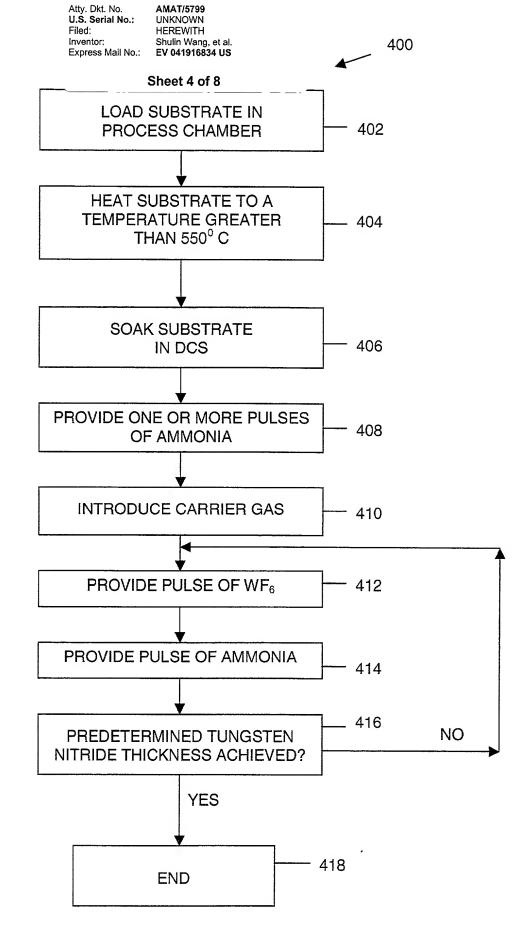
END

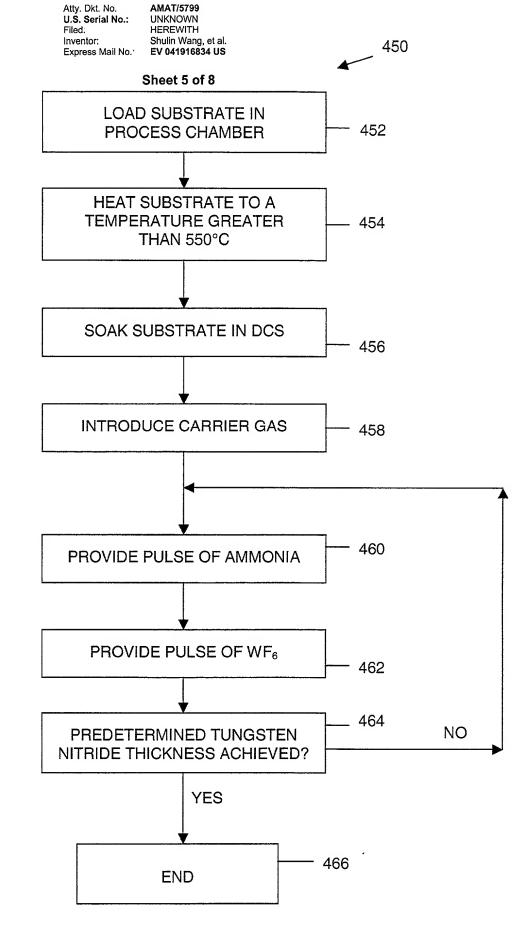
FIG. 3

Atty, Dkt. No.
U.S. Serial No.:
Filed:
Inventor:
Express Mail No.:

AMAT/5799
UNKNOWN
HEREWITH
Shulin Wang, et al.
EV 041916834 US





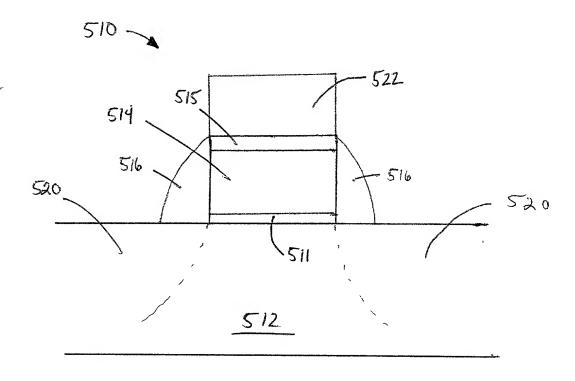


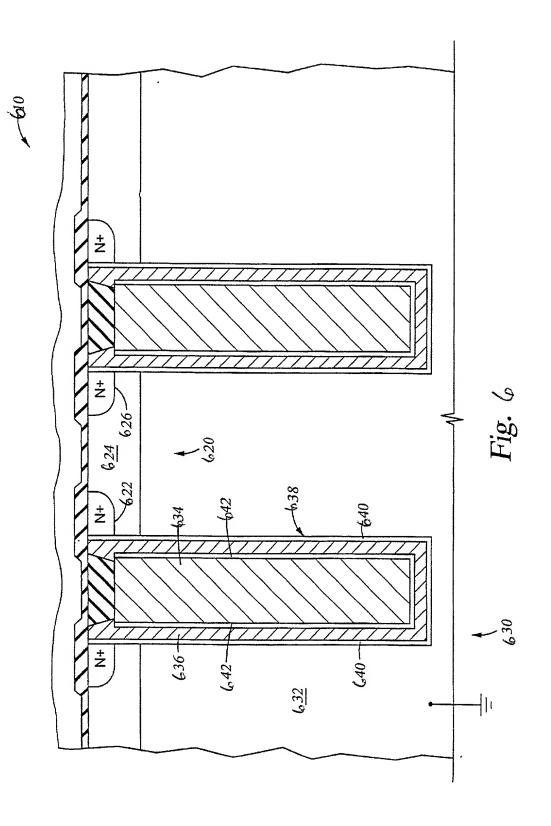
Atty. Dkt. No.
U.S. Serial No.:
Filed:
Inventor:
Express Mail No.:

AMAT/5799 UNKNOWN HEREWITH Shulin Wang, et al. EV 041916834 US

Sheet 6 of 8

F16.5





Sheet 7 of 8

EA 041316834 US Phulin Wang, et al. HEREWITH HURKNOWN HEREWITH HER Atty. Dkt. No. U.S. Serial No.: Filed: Inventor: Express Mail No.: Atty. Dkt. No.
U.S. Serial No.:
Filed:
Inventor:
Express Mail No.:

AMAT/5799 UNKNOWN HEREWITH Shulin Wang, et al. EV 041916834 US

Sheet 8 of 8

F19,7

